



CDF Operations Report

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All Experiments' Meeting
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Store Summary

Store	Start Date	Time [hrs]	Uptime [hrs]	Initial Lumi	Delivered Lumi	Live Lumi	Eff.	Comments
4147	5/15	26.4	25.4 [96%]	112.9	4.16	3.81	92%	smooth running, L1 track trigger test
4148	5/16	30.4	28.6 [95%]	118.9	4.71	4.29	91%	smooth running, end of store tests
4151	5/18	7.4	6.7 [91%]	127.3	2.15	1.82	85%	silicon HV trip, TeV quench
4154	5/19	0.6	0.1 [13%]	89.1	0.19	0.02	10%	slow startup with L3 problem, TeV quench
4157	5/20	1.2	1.1 [93%]	73.4	0.27	0.24	89%	TeV quench
4162	5/20	15.9	14.6 [92%]	127.3	1.98	1.78	90%	smooth running, TeV quench
4164	5/21	19.4	18.0 [93%]	106.9	3.56	3.15	89%	new trigger table test TeV quench
Total	5/15 ~ /21	101.3	94.5 [93%]	108.0	17.0 pb ⁻¹	15.1 pb ⁻¹	89%	

CDF Operations

- CDF took data with ~90% efficiency last week, records 15 pb⁻¹ of data
- DAQ - operated smoothly except a few problems with L2 decision time outs
- Silicon did not receive significant doses on the lost stores.
- Several jobs were carried out during controlled accesses:
 - worked on silicon light level measurements & clock realignment adjustment
 - accessed the Tevatron tunnel to fix roman pot problems from beam loss on the lost store.
 - worked on detector maintenance jobs:
central (fixed calibration electronics) and plug calorimeter, shower max. detector, muon system and silicon check out items
 - work to do during next access: installation of upgraded TDC boards
- System improvement works performed for
 - XFT timing, new high lumi trigger table, silicon d-mode calibration
 - future hardware event builder upgrade
- 5/17 day shift: new record efficiency shift: 95.7% (1.1 pb⁻¹/1.2 pb⁻¹)

Run II Integrated Luminosity

